

Merchant & Gould

An Intellectual Property Law Firm

RECEIVED
CENTRAL FAX CENTER

JUL 15 2004

OFFICIAL

3200 IDS Center
80 South Eighth Street
Minneapolis, Minnesota
55402-2215 USA
TEL 612.332.5300
FAX 612.332.9081
www.merchant-
gould.com

A Professional Corporation

Fax Transmission | July 15, 2004TO: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

FROM: Mark R. Hennings

OUR REF: 50019.272US01
TELEPHONE: 206.342.6200Total pages, including cover letter: 6PTO FAX NUMBER 1-703-872-9306

If you do NOT receive all of the pages, please telephone us at .206.342.6200, or fax us at 612.332.9081.

Title of Document Transmitted:

Transmittal (+ 1 copy): Request for Corrected
Filing Receipt; Copy of Original Filing ReceiptApplicant: Qiang Luo
Serial No.: 10/786.846
Filed: 2/25/2004
Group Art Unit: 2811
Our Ref. No.: 50019.272US01
Confirmation No. 2949

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

Date

7/15/04

By:

Name: Mark R. HenningsReg. No.: 48,982

S/N 10/786,846

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Qiang Luo	Examiner:	Not Yet Assigned
Serial No.:	10/786,846	Group Art Unit:	2811
Filed:	2/25/2004	Docket No.:	50019.272US01
Title:	LOW DARK CURRENT CMOS IMAGE SENSOR PIXEL HAVING A PHOTODIODE ISOLATED FROM FIELD OXIDE		

CERTIFICATE UNDER 37 CFR 1.6(d):

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on July 15, 2004.

By: 

Name: Kayla E. Butcher

REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents
Office of Initial Patent Examination's
Filing Receipt Corrections
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is a photocopy of the Filing Receipt from the United States Patent and Trademark Office in the above-identified application showing requested corrections. The Filing Receipt is erroneous in the following respects as reflected in the papers originally filed:

2/25/2004

The correction should read: **Non-Publication Request: YES.**

Correction of the records of the United States Patent and Trademark Office and issuance of a corrected filing receipt are respectfully solicited.

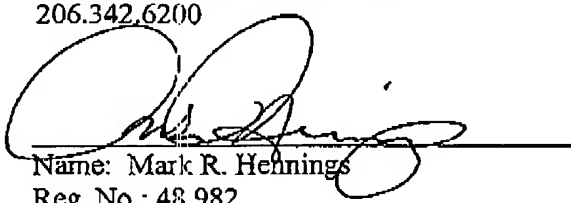
Respectfully submitted,

MERCHANT & GOULD P.C.
P.O. Box 2903
Minneapolis, MN 55402-0903
206.342.6200

23552

PATENT TRADEMARK OFFICE

Date: July 15, 2004



Name: Mark R. Hennings
Reg. No.: 48,982



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

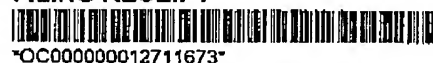
APPL NO	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/786,846	02/25/2004	2811	770	50019.0272US01 ✓	5	18	3

23552
 MERCHANT & GOULD PC
 P.O. BOX 2903
 MINNEAPOLIS, MN 55402-0903

MRH

CONFIRMATION NO. 2949

FILING RECEIPT



OC000000012711673

Date Mailed: 05/19/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Qiang Luo, Santa Clara, CA;

Assignment For Published Patent Application

National Semiconductor Corporation, Santa Clara, CA;

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted: 05/19/2004

Projected Publication Date: 08/25/2005

Non-Publication Request: No

Early Publication Request: No

Title

Low dark current CMOS image sensor pixel having a photodiode isolated from field oxide

Preliminary Class

D✓

257

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).